



EXPRESS MAIL NO. EV336617535US

Sheet 1 of 4

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
130209.508APPLICATION NO.
10/658,804INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)APPLICANTS
Sayeed Ahmed et al.FILING DATE
September 9, 2003GROUP ART UNIT
2838

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GL	AA	4,142,231	02/27/79	Wilson et al.	363	141	
GL	AB	4,224,663	09/23/80	Maiese et al.	363	144	
GL	AC	4,458,305	07/03/84	Buckle et al.	363	141	
GL	AD	4,661,897	04/28/87	Pitel	363	17	
GL	AE	4,674,024	06/16/87	Paice et al.	363	71	
GL	AF	5,184,291	02/02/93	Crowe et al.	363	37	
GL	AG	5,172,310	12/15/92	Deam et al.	363	144	
GL	AH	5,230,632	07/27/93	Baumberger et al.	439	66	
GL	AI	5,243,757	09/14/93	Grabbe et al.	29	882	
GL	AJ	5,264,761	11/23/93	Johnson	315	291	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	0 427 143 A2	05/15/91	DE (+ Abstract in English)		
	AL	0 578 108 A1	01/12/94	EP		
	AM	195 19 538 A1	11/28/96	DE (+ Abstract in English)		
	AN	9-117126	05/02/97	JP (+ Abstract in English)		
	AO					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GL	AP	Ghali, F., et al., "Dynamic Analysis of Hybrid Wind/Diesel System with Three-Level Inverter," <i>IEEE, PCC-Osaka 2002</i> , pp. 727-732, 2002.
GL	AQ	Kim, T.-J., et al., "The Analysis of Conduction and Switching Losses in Multi-Level Inverter System," <i>IEEE</i> , pp. 1363-1368, 2001.
GL	AR	Mohan et al., <i>Power Electronics: Converters, Applications and Designs</i> , John Wiley & Sons Inc., USA, 1989, Chapter 26-8, "Circuit Layout," p. 654.

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GL	BA	5,395,252	03/07/95	White	439	66	
GL	BB	5,422,440	06/06/95	Palma	174	133 B	
GL	BC	5,439,398	08/08/95	Testa et al.	439	801	
GL	BD	5,445,526	08/29/95	Hoshino et al.	439	69	
GL	BE	5,459,356	10/17/95	Schulze et al.	257	773	
GL	BF	5,508,560	04/16/96	Koehler et al.	257	730	
GL	BG	5,537,074	07/16/96	Iversen et al.	327	564	
GL	BH	5,559,374	09/24/96	Ohta et al.	257	723	
GL	BI	5,635,751	06/03/97	Ikeda et al.	257	584	
GL	BJ	5,653,598	08/05/97	Grabbe	439	66	

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					YES	NO
	BK					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GL	BL	Newton, C., et al., "Neutral Point Control for Multi-Level Inverters: Theory, Design and Operational Limitations," <i>IEEE Industrial Applications Society Annual Meeting</i> , New Orleans, LA, October 5-9, 1997, pp. 1336-1343.
GL	BM	Persson, E., "Power Electronic Design and Layout Techniques for Improved Performance and Reduced EMI," in <i>Proceedings of Power Electronics in Transportation, IEEE</i> , Dearborn, Michigan, October 20-21, 1994, pp. 79-82.
GL	BN	Ratnayake, K., et al., "Novel Carrier PWM Scheme to Control Neutral Point Voltage Fluctuations in Three-Level Voltage Source Inverter," <i>IEEE Intl. Conf. on Power Electronics and Drive Systems</i> , PEDS '99, July 1999, Hong Kong, pp. 663-667.
GL	BO	Seo, J., et al., "A New Simplified Space-Vector PWM Method for Three-Level Inverters," <i>IEEE Transactions on Power Electronics</i> 16(4):545-550, July 2001.

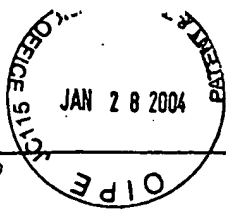
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GL	CA	5,756,935	05/26/98	Balanovsky et al.	174	52.1	
GL	CB	5,847,951	12/08/98	Brown et al.	363	147	
GL	CC	5,938,451	08/17/99	Rathburn	439	66	
GL	CD	5,975,914	11/02/99	Uchida	439	66	
GL	CE	6,054,765	04/25/00	Eytcheson et al.	257	724	
GL	CF	6,072,707	06/06/00	Hochgraf	363	71	
GL	CG	6,078,173	06/20/00	Kumar et al.	324	158.1	
GL	CH	6,078,501	06/20/00	Catrambone et al.	361	704	
GL	CI	6,166,937	12/26/00	Yamamura et al.	363	141	
GL	CJ	6,176,707	01/23/01	Neidich et al.	439	66	
GL	CK	6,212,087	04/03/01	Grant et al.	363	144	
GL	CL	6,292,371	09/18/01	Toner, Jr.	361	752	
GL	CM	6,434,008	08/13/02	Yamada et al.	361	728	
GL	CN	6,603,672	08/05/03	Deng et al.	363	37	

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	CR	
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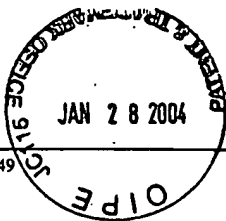
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GL	DA	2002/0034088	03/21/02	Parkhill et al.	363	144	
GL	DB	2002/0126465	09/12/02	Maly et al.	361	818	
GL	DC	2002/0111050	08/15/02	Parkhill et al.	439	65	
GL	DD	2002/0118560	08/29/02	Ahmed et al.	363	144	
GL	DE	2002/0167828	11/14/02	Parkhill et al.	363	144	
GL	DF	10/642,424		Ahmed et al.			08/14/03
GL	DG	60/233,992		Parkhill et al.			09/20/00
GL	DH	60/233,993		Ahmed			09/20/00
GL	DI	60/233,994		Maly et al.			09/20/00
GL	DJ	60/233,995		Maly et al.			09/20/00
GL	DK	60/233,996		Parkhill et al.			09/20/00
GL	DL	60/471,387		Flett et al.			05/16/03
	DM						
	DN						

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					YES	NO
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	DR	
	DS	

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